

Title (en)

A radio network controller, a mobile communication system, and a neighbor-cell-list filtering method

Title (de)

Funknetzsteuerungseinheit , mobiles Kommunikationssystem und Verfahren zur Filtern einer Nachbarzellenliste

Title (fr)

Contrôleur de réseau radio, réseau de communication mobile et procédé pour le filtrage d'une liste de cellules voisines

Publication

EP 1691568 A1 20060816 (EN)

Application

EP 06250772 A 20060214

Priority

JP 2005035978 A 20050214

Abstract (en)

A mobile communication system, a radio network controller (RNC), and a neighbor-cell-list filtering method for controlling the selection of frequencies to be used in performing hard handover in a network environment using a plurality of frequency bands and frequencies to reduce, as far as possible, the number of activations of compressed-mode operation. The RNC produces a filtered neighbor cell list by using information contained in user equipment(UE)-capability-indication information reported by a UE, and use priority data on frequencies designated by the network operator. Neighbor cell information only suitable for the handover is left in the neighbor cell list, and is notified to the UE.

IPC 8 full level

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CPC (source: EP US)

H04W 36/0061 (2013.01 - EP US); **H04W 88/12** (2013.01 - EP US)

Citation (search report)

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- [XA] WO 2004025983 A1 20040325 - NOKIA CORP [FI], et al
- [A] MOTOROLA: "Change Request, Clarifications to compressed mode usage", 3GPP TSG-RAN WG1 MEETING #17, 24 November 2000 (2000-11-24), Stockholm, Sweden, XP002383059

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